

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

FIRST NAMED INVENTOR

Sheet 1 of 1
APPLICATION NO.

1572.1168

10/686,669

INFORMATION DISCLOSURE STATEMENT

Man-hee LEE

GROUP ART UNIT

(Use several sheets if necessary)

October 17, 2003

2644

U.S. PATENT DOCUMENTS

,		0.3. FAIL	AL DOCOMENTO			511 11 10
	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
	AA AB AC AD	AA AB AC AD AE	AA DOCUMENT DATE AA AB AC AD AE	AA NO. DATE NAME AA AB AC AD AE AE	AA AB AC AD AE AE AE AE AA AA AA AA AA AA AA AA AA	AA AB AC AD ATE NAME CLASS SUB-CLASS AC AB AC AD AC

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLA YES	ATION NO	ABSTRACT
/DP/	AG	1998-024099	07/25/1998	Korea		X	Yes
	AH						
	Al						
	AJ						
	AK						
	AL						

OTHER RE	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AM			

EXAMINER	DATE CONSIDERED
/Disler Paul/	04/11/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

APPLICATION NO. ATTORNEY DOCKET NO. Unassigned 1572.1168 FIRST NAMED INVENTOR Man-hee LEE GROUP ART UNIT FILING DATE Unassigned October 17, 2003

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

us	PATENT	DOCUMENT	rs

•			<u>U.S. P</u>	ATENT DOCUMENTS		SUB-	FILING
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	CLASS	DATE
/DP/	AA	5,946,604	08/31/1999	Bailey			
/DP/	AB	6,009,519	12/28/1999	Jones et al.			
/DP/	AC	6,233,633 B1	05/15/2001	Douma			
	AD			· · · · · · · · · · · · · · · · · · ·			
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

			FOREIGN	PATENT DOCUMENTS		SUB-	TRANSL	ATION
		DOCUMENT NO.	DATE	COUNTRY	CLASS	CLASS	YES	NO
/DP/	AG	2000-49675	08/05/2000	Korea				
/DP/	AH	2000-170540	11/27/1999	Korea			-	
/DP/	Al	8-241176	09/17/1996	Japan	· · · · · · · · · · · · · · · · · · ·			
1011	AJ							<u> </u>
	AK							
	AL							

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

•	OTHER	REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETG.)
	AM	
	AN	
	AO	

EVALUATED.			NSIDERED		
EXAMINER	/Disler Paul/ itial if reference considered, whether or not	eitation is in conformance with M	APEP 609; Draw II	lne through citation if not in ex	onformance
EXAMINER: Ini	itial if reference considered, whether or not ered. Include copy of this form with next co	nmunication to applicant.			
and not conside					

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES

.

ATTORNEY DOCKEY NO.	APPLICATION NO.
1572.1168	Unassigned
FIRST NAMED INVENTOR	
Man-hee LEE	
FILING DATE	GROUP ART UNIT
October 17, 2003	Unassigned
l e e e e e e e e e e e e e e e e e e e	

The foreign references cited in items AG-AI in the FORM PTO-1449 attached hereto generally relate to a computer system using a sound card.



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

1572.1168

FIRST NAMED INVENTOR

Man-hee LEE

FILING DATE

October 17, 2003

Sheet 1 of 1

APPLICATION NO.

APPLICATION NO.

10/686,669

FIRST NAMED INVENTOR

Man-hee LEE

FILING DATE

October 17, 2003

2615

U.S. PATENT DOCUMENTS

	DOCUMENT				CLID	CILINIC
	NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA						
AB					,	
AC						
AD						
AE .						
AF		•				
	AB AC AD	AB AD AE	AB AC AD AE	AB AC AD AE	AB AC AD AE	AB AC AD AE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLA YES	TION NO	ABSTRACT
/DP/	AG	JP 2001-509610	07/24/2001	JAPAN		X	х
	АН	JP 11-069478	03/09/1999	JAPAN		Х	. X
	Al	JP 2001-025085	01/26/2001	JAPAN		Х	×
V	AJ	JP 2002-199487	07/12/2002	JAPAN		X.	X
· <u>.</u>	AK					•	
	AL	•					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
	AM				

EXAMINER	DATE CONSIDERED
/DP/ /Disler Paul/	09/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS

ATTORNEY DOCKET NO.	APPLICATION NO.		
1572.1168	10/686,669		
FIRST NAMED INVENTOR			
Man-hee LEE			
FILING DATE	GROUP ART UNIT		
October 17, 2003	2615		

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
· · · · · · · · · · · · · · · · · · ·	AB	· · · · · · · · · · · · · · · · · · ·					

FOREIGN PATENT DOCUMENTS

:	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO
AC							
AD		•					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			TRANSLATION	
			YES	NO
/DP/	AE	Japanese Office Action mailed on April 17, 2007 issued with respect to the corresponding Japanese Patent Application No. 2003-348053.		x

EXAMINER	DATE CONSIDERED			
/Disler Paul/	09/12/2007			
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				